

IFW
Docket No. 249104US90/ams

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kosei TAKIISHI, et al.

SERIAL NO: 10/780,637

GAU:

FILED: February 19, 2004

EXAMINER:

FOR: A MULTI-PATH GENERATING APPARATUS, A MULTI-PATH FADING SIMULATOR, AND A MULTI-PATH GENERATING METHOD

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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STATEMENT OF RELEVANCY

All of the references on Form PTO-1449 are discussed in the specification.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249104US90		SERIAL NO. 10/780,637	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kosei TAKIISHI, et al.			
FILING DATE February 19, 2004				GROUP			

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MAY 06 2004
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
	AL				
	AM				
	AN				
	AO				
	AP				
	AQ				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)		
	AR	M. SHINJI, "RADIO PROPAGATION PATH PROPAGATION IN WIRELESS COMMUNICATIONS", pages 208-211, 1992
	AS	Recommendation ITU-R M.1225, pages 173-232, "GUIDELINES FOR EVALUATION OF RADIO TRANSMISSION TECHNOLOGIES FOR IMT-2000", 1997
	AT	W. C. JAKES, Microwave Mobile Communication, pages 11-19, "MULTIPATH INTERFERENCE", 1974
	AU	Y. KARASAWA, et al., IEEE Transactions on Vehicular Technology, vol. 46, no. 1, pages 194-202, "THE EQUIVALENT TRANSMISSION-PATH MODEL-A TOOL FOR ANALYZING ERROR FLOOR CHARACTERISTICS DUE TO INTERSYMBOL INTERFERENCE IN NAKAGAMI-RICE FADING ENVIRONMENTS", February 1997
	AV	T. YAMADA, et al., Technical Report of IEICE. A-P2000-96, SANE2000-73, RCS2000-199(2000-10), pages 95-100, "SYSTEM PERFORMANCE EVALUATIONS USING FIELD MEASUREMENT DATA FOR SPATIAL AND TEMPORAL EQUALIZER" (with English Abstract)
	AW	S. ICHITSUBO, et al., IEEE Journal on Selected Areas in Communications, vol. 20, no. 6, "MULTIPATH PROPAGATION MODEL OF SPATIO-TEMPORAL DISPERSION OBSERVED AT BASE STATION IN URBAN AREAS", August 2002
	AX	

	<input type="checkbox"/> Additional References sheet(s) attached
Examiner	Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.